

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claim in the application.

1. – 17. (cancelled).

18. (original) A method for enhancing the broadcast of a target at a live event, comprising the steps of:

capturing a first frame of video using a first camera;

capturing a second frame of video using a second camera, said second frame of video including said target;

determining if said target is within said first frame of video;

determining a position and orientation of said target in said first frame of video;

detecting an occlusion of said target in said second frame of video;

determining where said detected occlusion is positioned in said first frame of video at least partially based on said step of detecting; and

modifying said first frame of video by enhancing said target in said first frame of video without enhancing said detected occlusion.

19. (original) A method according to claim 18, wherein:

said second camera is pointed at said target and is located substantially adjacent said first camera;

said step of detecting an occlusion includes comparing at least a portion of said second frame of video to an unoccluded image of said target.

20. (original) A method according to claim 19, wherein:

said second camera is zoomed such that said target fills a substantial portion of said second frame of video.

21. – 36. (cancelled).

37. (currently amended) A method for adding a graphic indication of a first down to a broadcast of a football game during a said broadcast of said football game, comprising:

storing an indication of a location on a football field, said location corresponding to said first down;

sensing field of view data for a camera using one or more field of view sensors that do not use image recognition;

receiving video from said camera;

determining said location's position in said video using said field of view data; and

adding a line to said video at said location's position in said video, said step of adding includes determining whether said video includes an occlusion of said location's position using image analysis. said step of adding includes adding said line to one or more portions of said video that are not occluded and not adding said line to one or more portions of said video that are occluded.

38. (previously presented) One or more processor readable storage devices having processor readable code embodied on said processor readable storage devices, said processor readable code for programming one or more processors to perform a method comprising:

storing an indication of a location on a football field, said location corresponding to a first down;

sensing field of view data for a camera using one or more field of view sensors that do not use image recognition;

receiving video from said camera;

determining said location's position in said video using said field of view data; and

adding a line to said video at said location's position in said video, said step of adding includes adding said line to one or more portions of said video that are not occluded and not adding said line to one or more portions of said video that are occluded.

39. (previously presented) An apparatus for adding a graphic indication of a first down to a broadcast of a football game during a said broadcast of said football game, comprising:

one or more field of view sensors associated with a camera, said one or more field of view sensor do not use image recognition;

a storage device; and

one or more processing units in communication with said storage device and said one or more field of view sensors, said storage device stores data for said one or more processing units, said one or more processing units capable of performing a method comprising:

storing an indication of a location on a football field, said location corresponding to said first down,

receiving field of view data from said one or more field of view sensors;

receiving video from said camera,

determining said location's position in said video using said field of view data, and

adding a line to said video at said location's position in said video, said step of adding includes adding said line to one or more portions of said video that are not occluded and not adding said line to one or more portions of said video that are occluded.

40. (cancelled)

41. (currently amended) A method for adding a graphic indication of a first down to a broadcast of a football game during said broadcast of said football game, comprising the steps of:

storing an indication of a location on a football field, said location corresponding to said first down;

sensing field of view data for a camera using one or more field of view sensors that do not use image recognition;

receiving video from said camera;

determining said location's position in said video using a first step process that makes use of

said field of view data;

performing a second step process to refine said position's location in said video, said second step process is different than said first step process.

adding a line to said video at said location's position in said video.

42. (previously presented) A method according to claim 41, wherein:
said second step process is performed without using said field of view data.

43. (previously presented) A method according to claim 41, wherein:
said second step process is performed using data other then said field of view data.